GOVERNMENT OF INDIA
POWER
LOK SABHA

STARRED QUESTION NO:353
ANSWERED ON:17.08.2000
UNTAPPED HYDRO ELECTRIC POWER
AJAY SINGH CHAUTALA

Will the Minister of POWER be pleased to state:

(a) the estimated quantum of untapped hydroelectric power in the country, State-wise as on June 30, 2000;

(b) the steps taken by the Government to exploit the above power source during each of the last three years particularly in Himachal Pradesh and J&K;

(c) whether any projects have been chalked out in Himachal Pradesh and J&K;

(d) whether the Central Government has received any proposal from Haryana to tap hydroelectric power in H.P. recently; and

(e) if so, the details thereof and the action taken thereon?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA)

(a) to (e) : A Statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO. 353 TO BE ANSWERED IN THE LOK SABHA ON 17.8.2000 REGARDING UNTAPPED HYDRO-ELECTRIC POWER.

(a) to (e) : State-wise position as on 30.6.2000 with regard to assessed hydro potential, potential developed and under development is indicated in Annex-I.

With a view to develop the untapped hydro-electric potential in the country, Government announced a Policy on Hydro Power Development in August, 1998. Various steps have been taken during these years on the measures envisaged in the Policy e.g. tariff for hydel projects has been rationalised, procedures for transfer of techno-economic clearance have been simplified, the ceiling limits for techno-economic clearance by CEA for hydro power projects on MOU route has been enhanced and notified, a mechanism to cover geological risks has been evolved and small hydro projects upto 25 MW capacity have been transferred to the Ministry of Non-Conventional Energy Sources.

A list of 60 HE Projects of an aggregate capacity of 15736 MW which are presently under execution in the country is at Annex-II. A massive thrust is proposed to be given for hydro development by starting work on preparing Detailed Project Reports in respect of hydro projects involving capacity of about 25000 MW in the next 5 years.

In Himachal Pradesh, HE Projects totalling 2048.5 MW are presently under execution. These include Nathpa Jhakri (1500 MW); Chamera Stage-II (300 MW); Ghanvi (22.5 MW); Larji (126 MW); and Uhl-III (100 MW). The Government of India has initiated the development of projects in the Parbati Basin (2051 MW) in a phased manner through NHPC. NTPC has also entered into an agreement with Government of Himachal Pradesh for execution of Kol Dam Project (800 MW). Advance action has also been initiated on Rampur (439 MW) by NJPC. Government of Himachal Pradesh has also planned execution of a number of hydroelectric projects under private sector namely Baspa (300 MW), Mallana (86 MW), Dhamwari Sunda (70 MW), Karcham Wangtoo (1000 MW), Allain Duhangan (192 MW). In addition, the State Government proposes to execute Renuka (40 MW), Budhil (70 MW) and Kuther (260 MW) HE Projects as State Sector projects.

In J&K, HE Projects totalling 841.5 MW are under development. These include 451.5 MW under State Sector and Dulhasti Project (390 MW) under Central Sector by NHPC. The State Government will be executing Baglihar (450 MW) and Sawalkot (600 MW) and have agreed to transfer 7 HEPs of a total capacity of 2798 MW, namely Kishanganga (330 MW), Sewa-II (120 MW), Bursar (1020 MW), Pakal Dul (1000 MW), Nimmo Bazgo (30 MW), Uri-II (280 MW), Chutak (18 MW) in the Central Sector to be executed by NHPC.

Advance action has also been taken on fresh starts under Central Sector, as a result of which a number of new hydro projects in other States aggregating to 1060 MW have been approved namely Tuirial (60 MW) Mizoram; Teesta-V (510 MW); Loktak Downstream (90 MW) Manipur; Koteshwar (400 MW) U.P. Simultaneously, advance action has been initiated on a number of other hydro-electric projects of a total capacity of 23930 MW, namely, Dihang (13400 MW), Subansiri (7300 MW) and Kameng (600 MW) in Arunachal Pradesh; Tuivai (210 MW) Mizoram; Tipaimukh (1500 MW) Manipur; Pala Maneri (400 MW) and Lohari Nagpala (520 MW) U.P.

Government is also committed to complete hydroelectric projects languishing for a number of years for want of funds. An MOU has been signed with the Government of Uttar Pradesh for the execution of a capacity of 724 MW consisting of Maneri Bhali Stage-II (304 MW) by THDC and Lakhwar Vyasi (420 MW) through a Joint Venture between NHPC and U.P. Jal Vidyut Nigam Limited. MoU has also been signed with Government of Madhya Pradesh for the execution of a capacity of 1520 MW consisting of Omkareshwar MPP (520 MW) and Indirasagar MPP (1000 MW) by NHPC.

Efforts are also being made to arrive at a consensus amongst basin states regarding location of power projects locked up due to inter-state disputes, namely, Shivasamudram 270 MW, Mekedatu 550 MW; Rasimanal 200 MW and Hogenakkal 120 MW in Cauvery basin aggregating to 1140 MW. Similarly, Renuka Dam Project 60 MW (H.P.) and Kishau Multipurpose Project 600 MW (HP/UP), are also being pursued for an early execution.

No proposal has been received from Haryana to tap hydroelectric power in Himachal Pradesh. However, power to be generated from Allain Duhangan (2x96 MW) in private sector and Dhamwari Sunda (2x35 MW) in Himachal Pradesh may be utilised in Haryana.